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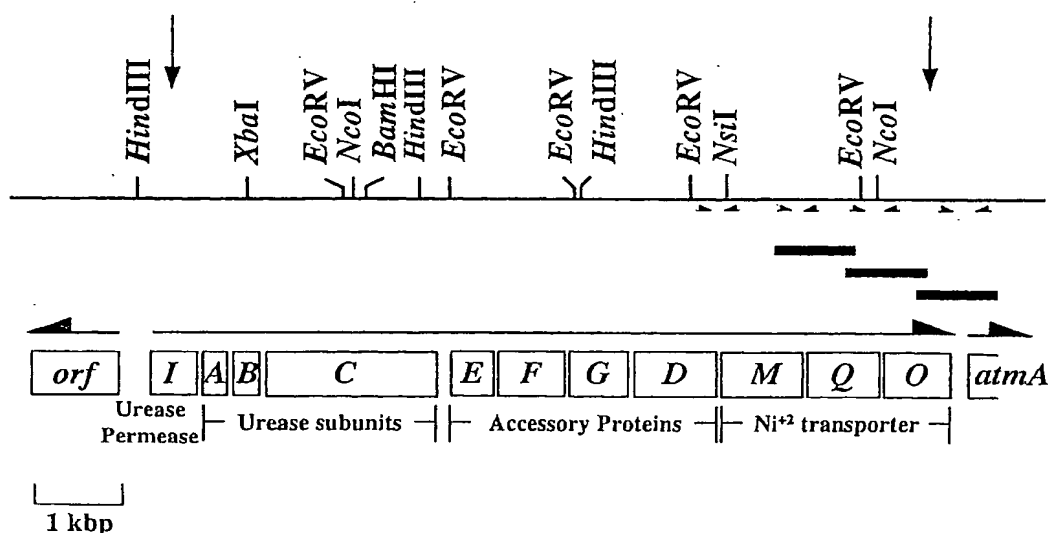
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(54) Title: **RECOMBINANT ALKALINIZING BACTERIA**



(57) Abstract: Compositions and methods utilizing recombinant alkalizing bacteria which include isolated nucleic acid constructs. The genetically engineered cells express at least one alkali producing enzyme, such as a urease, an arginine deiminase or an agmatine deiminase, which produce the alkali ammonia. When used in the mouth of a subject, the presence of alkalis raises the pH, reducing the incidence of cavities.

WO 2005/052145 A2